### (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

## **CORRECTED VERSION**

### (19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 3 November 2005 (03.11.2005)

**PCT** 

# (10) International Publication Number WO~2005/102415~A1

(51) International Patent Classification:

A61M 3/02 (2006.01) A61M 35/00 (2006.01)

A61M 27/00 (2006.01)

(21) International Application Number:

PCT/GB2005/001603

(22) International Filing Date: 27 April 2005 (27.04.2005)

(25) Filing Language:

English

(26) Publication Language:

English

(**30**) Priority Data: 0409446.2

28 April 2004 (28.04.2004) GB

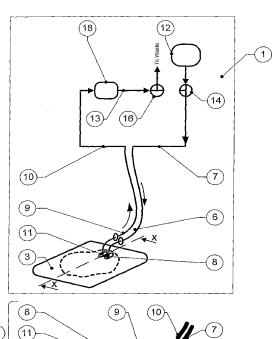
- (71) Applicant (for all designated States except US): SMITH & NEPHEW, PLC [GB/GB]; 15 Adam Street, London WC2N 6LA (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): BLOTT, Patrick, Lewis [GB/GB]; 16 Hodsow Fields, Barmby Moor, York

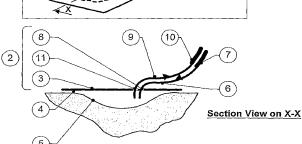
YO24 4ER (GB). **HARTWELL, Edward, Yerbury** [GB/GB]; 3 Haven Garth, Brough, Hull HU15 1EP (GB). **LEE-WEBB, Julian** [GB/GB]; 37 Moor Lane, Copmanthorpe, York YO23 3TJ (GB). **NICOLINI, Derek** [GB/GB]; 38 Castle Rise, South Cave, Brough HU15 2ET (GB).

- (74) Agent: DRAGGETT, Peter, Thornton; Smith & Nephew, York Science Park, Heslington, York YO10 5DF (GB).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

[Continued on next page]

#### (54) Title: DRESSING AND APPARATUS FOR CLEANSING THE WOUNDS





(57) Abstract: A dressing (2) and an apparatus (1) comprising the dressing, for cleansing the wounds (5) in which an irrigant fluid from a reservoir (12) connected to a conformable would dressing and would exudate from the dressing are moved by a device (18) (which may be a single pump or two pumps) for moving fluid through a flow Path (6, 7, 9, 10) which passes through the dressing with a means for providing simultaneous aspiration and irrigation of the wound, to provide a desired balance of fluid at a controlled nominal flow rate that removes materials deleterious to wound healing, while distributing materials that are beneficial in promoting would healing over the would bed.

## WO 2005/102415 A1



(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

### Published:

with international search report

- (48) Date of publication of this corrected version: 8 September 2006
- (15) Information about Correction: see PCT Gazette No. 36/2006 of 8 September 2006

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.